

STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

**REPORT OF EXAMINATION**

TO APPROPRIATE PUBLIC WATERS OF THE STATE OF WASHINGTON

☐

Surface Water

(Issued in accordance with the provisions of Chapter 117, Laws of Washington for 1917, and amendments thereto, and the rules and regulations of the Department of Ecology.)

☒

Ground Water

(Issued in accordance with the provisions of Chapter 263, Laws of Washington for 1945, and amendments thereto, and the rules and regulations of the Department of Ecology.)

PRIORITY DATE March 21, 1991	APPLICATION NUMBER G2-28116	PERMIT NUMBER	CERTIFICATE NUMBER
---------------------------------	--------------------------------	---------------	--------------------

NAME Richard M. Oltman, Jr.			
ADDRESS (STREET) 370 Middle Point Road	(CITY) Port Townsend	(STATE) Washington	(ZIP CODE) 98362-9647

**PUBLIC WATERS TO BE APPROPRIATED**

SOURCE  
A well

TRIBUTARY OF (IF SURFACE WATERS)

MAXIMUM CUBIC FEET PER SECOND	MAXIMUM GALLONS PER MINUTE 30	MAXIMUM ACRE-FEET PER YEAR 10.67
-------------------------------	----------------------------------	-------------------------------------

QUANTITY, TYPE OF USE, PERIOD OF USE 10.0 acre-feet per year 0.67 acre-feet per year	Irrigation Multiple domestic supply	May 1 - October 1 Year-round, as needed
--	--	--

**LOCATION OF DIVERSION/WITHDRAWAL**

APPROXIMATE LOCATION OF DIVERSION-WITHDRAWAL  
700 feet north and 600 feet east of the west quarter corner of Section 5.

LOCATED WITHIN (SMALLEST LEGAL SUBDIVISION) SW $\frac{1}{4}$ NW $\frac{1}{4}$	SECTION 5	TOWNSHIP N. 30	RANGE, (E. OR W.) W.M. 1W	W.R.I.A. 17	COUNTY Jefferson
--	--------------	-------------------	------------------------------	----------------	---------------------

**RECORDED PLATTED PROPERTY**

LOT	BLOCK	OF (GIVE NAME OF PLAT OR ADDITION)
-----	-------	------------------------------------

**LEGAL DESCRIPTION OF PROPERTY ON WHICH WATER IS TO BE USED**

The southwest quarter of the northeast quarter of the southwest quarter of the northwest quarter and the southeast quarter of the northwest quarter of the southwest quarter of the northwest quarter in Section 5, T. 30 N., R. 1 W.W.M., in Jefferson County, Washington.  
EXCEPT the Old Middlepoint County Road right of way.

---

## DESCRIPTION OF PROPOSED WORKS

---

A 6" x 237' well equipped with a 2-horsepower pump, and a 1¼ distribution line.

---

## DEVELOPMENT SCHEDULE

---

BEGIN PROJECT BY THIS DATE:

Started

COMPLETE PROJECT BY THIS DATE:

March 1, 1997

WATER PUT TO FULL USE BY THIS DATE:

March 1, 1998

---

---

## REPORT

---

I recommend issuance of a permit for Application #G2-28116 based on the following:

### BACKGROUND:

Pursuant to Chapters 90.03 and 90.44 Revised Code of Washington (RCW), Richard M. Oltman, Jr. applied for a permit to appropriate public groundwater from a well. A withdrawal rate of 30 gallons per minute (gpm) was requested for multiple domestic supply and irrigation of five acres. The application was assigned priority date March 21, 1991.

Legal notice of the proposed appropriation was published in the "Port Townsend Jefferson County Leader" on May 8 and 15, 1991. No protests were received as a result of this notice.

### INVESTIGATIONS:

I conducted a field examination of the well site on August 24, 1992. I subsequently contacted Mr. Oltman by telephone, and reviewed Department of Ecology records of groundwater use and existing rights in this area.

#### Location and Site Description

The well is located at 371 Middle Point Road, approximately three miles west of Port Townsend in Jefferson County. Surrounding areas are rural, with increasing residential development.

The well is situated at the edge of a large clearing. It currently serves water to an existing home on the Oltman property. Mr. Oltman plans to use water from this well to irrigate a proposed shrub farm with a maximum size of five acres, and to serve an additional home.

#### Water System Description

Well depth: 237 feet  
Well head elevation: 200 feet MSL (approximate)  
Casing diameter: 6 inches  
Date drilled: April 12, 1990  
Static water level: 205 feet  
Screening depth: 232-237 feet  
Pump size: 2 hp  
Yield: 30 gpm  
Mainline diameter: 1¼ inches

The well is completed in a water-bearing zone consisting of sand. Overlying layers are composed of brown clay with sand, a confining layer of brown clay, cemented gravel and blue clay, and a surface layer of sand, gravel, and brown clay.

#### Effect on Existing Rights

The following groundwater records, located within a half mile of the subject well, are on file with the Department of Ecology:

- No water right certificates

The nearest existing groundwater right is located slightly over 1/2 mile to the southeast. It authorizes withdrawals of 30 gpm, 4.5 acre-feet per year.



## Report Continued

### ■ 15 well logs

At least half of these wells appear to be completed within the same water-bearing zone as the subject well. The nearest of these appears to be a well located at 371 Middle Point Road, which is completed within the same water-bearing zone (this well was drilled in 1989, and may represent a senior right).

### ■ Up to 6 groundwater use claims

Due to the low density of wells in this area, it appears unlikely that the proposed appropriation will impair existing rights. However, withdrawals from this well may be regulated if necessary to protect senior rights.

### Water Requirements:

Water requirements for in-house multiple domestic supply should not exceed 300 gallons per day per home. This amounts to 0.67 acre-feet per year for two homes.

Two acre-feet per year per acre should meet irrigation requirements in this area. This amounts to 10 acre-feet per year for five acres, and includes water for irrigation of domestic lawn and garden areas.

### CONCLUSION:

In accordance with Chapters 90.03 and 90.44 RCW, I find there is water available for appropriation from the source in question, that the appropriation as recommended is a beneficial use, and should not impair existing rights or be detrimental to public welfare.

### RECOMMENDATIONS:

I recommend approval of this application and issuance of a permit to allow appropriation of 30 gpm, 10.67 acre feet per year, from the subject well for multiple domestic supply and irrigation of five acres. The period of use shall be year-round, as needed, for domestic supply, and from May 1 to October 1 for irrigation.

The permit shall be subject to existing rights and the following provisions:

### PROVISIONS:

The water appropriated under this application will be used for public water supply. The State Board of Health rules require public water supply owners to obtain written approval from the Office of Water Supply Department of Health, Mail Stop LD-11, Building 3, Olympia, Washington 98504, prior to any new construction or alterations of a public water supply system.

The water user is advised that quantities recommended, and the number of acres to be irrigated, may be reduced at the time of issuance of a final water right commensurate with the capacity of the installed system and the number of acres actually irrigated.

Installation and maintenance of an access port as described in WAC 173-160-355 is required. An air line and gauge may be installed in addition to the access port.

At such time that the Department of Ecology determines the regulation and management of the subject waters is necessary and in the public interest, an approved measuring device shall be installed and maintained in accordance with RCW 90.03.360 and WAC 508-64-020 through -040.

This permit may be subject to implementation of the minimum requirements established in the Interim Guidelines for Public Water Systems Regarding Water Use Reporting, Demand Forecasting Methodology and Conservation Programs, July 1990 (attached), and as revised.

Under RCW 90.03.005 and 90.54.020(6), conservation and improved water use efficiency must be emphasized in the management of the State's water resources, and must be considered as a potential new source of water. Accordingly, as part of the terms of this permit, the applicant may be required to prepare and implement a water conservation plan approved by Department of Health. The standards for such a plan may be obtained from either the Department of Health or the Department of Ecology.

Report Continued

The Water Resources Act of 1971 specifies certain criteria regarding utilization and management of the waters of the State in the best public interest. Favorable consideration of this application has been based on sufficient waters available, at least during portions of the year. However, it is pointed out to the applicant that this use of water may be subject to regulation at certain times, based on the necessity to maintain water quantities sufficient for preservation of the natural environment.

The applicant is advised that notice of proof of appropriation of water (under which the final certificate of water right is issued) should not be filed until the permanent diversion facilities have been installed, and the system is currently in use. This includes installation of a mainline system capable of delivering the recommended quantity of water to an existing or proposed distribution system within the area to be served, and fulfillment of all other terms of this permit.

REPORTED BY: Maui Peter Date: February 22, 1993

The statutory permit fee for this application is \$22.00.